

Converting Colors

Hex(6BCC5A)

Have a look what the booklet for
Hex(6BCC5A) contains.

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Color

Hex(6BCC5A)

Conversions

Conversions Part 1

Format	Color
Hex	6BCC5A
RGB	107, 204, 90
RGB Percent	42%, 80%, 35%
CMY	0.5804, 0.2000, 0.6471
CMYK	0.48, 0.00, 0.56, 0.20
HSL	111°, 53%, 58%
HSV	111°, 56%, 80%
XYZ	29.5017, 47.0497, 17.1995
YIQ	162.0010, -21.2180, -56.0180

Conversions

Conversions Part 2

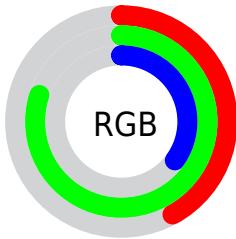
Format	Color
RYB	90, 204, 187
Decimal	7064666
CIELab	74.22, -50.35, 47.44
CIELCh	74, 69.178, 136.704
Yxy	47.0497, 0.3147, 0.5019
Android (android.graphics.Color)	4285254746 (0xFF6BCC5A)
YUV	162.0010, -35.4965, -48.2359
Hunter-Lab	68.5928, -43.2646, 33.1481

Details

The Hex color **6BCC5A** is a dark color, and the websafe version is hex **66CC66**. The color can be described as dark muted chartreuse. A complement of this color would be **BB5ACC**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **A4FF8F**, and **2E9526** is the 20% darker color. If you saturate the color by 10%, you get **5ACC46**, and if you desaturate by 10%, it is **7CCC6E**.

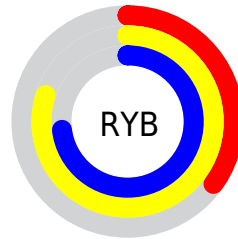
Distribution



Red (42%)

Green (80%)

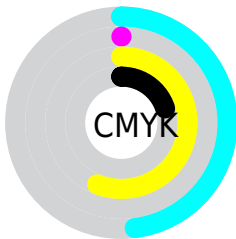
Blue (35%)



Red (35%)

Yellow (80%)

Blue (73%)

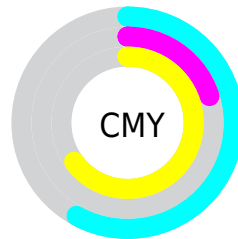


Cyan (48%)

Magenta (0%)

Yellow (56%)

Black (20%)



Cyan (58%)

Magenta (20%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6BCC5A changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 6BCC5A by changing the saturation by 10% instead.

 6BCC5A

 6BCC5A

FFFFFF

 4EB040

 A4FF8F

 2E9526

 C1FFAA

 007A04

 DFFFC6

 006100

 FCFFE3

 004800

 003100

 001700

 000000

 6BCC5A

 6BCC5A

 5ACC46

 7CCC6E

 48CC31

 8ECC83

 37CC1D

 9FCC97

 26CC08

 B0CCAC

 1ECC00

 C2CCC0

 D3CCD4

 E5CCE9

 F6CCFD

 FFCCFF

Harmonies

Analogous

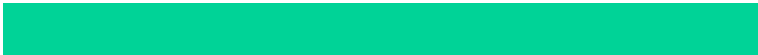
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



B6BE2E



6BCC5A



00D397

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



6BCC5A



00C6FF



FF7C96

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



6BCC5A



BB5ACC

Split Complementary

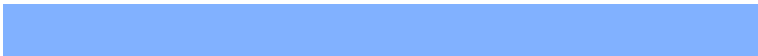
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF7FD6



6BCC5A



81B1FF

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



6BCC5A



00D1FF



E796FF



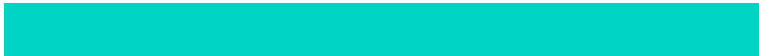
FF905C

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



6BCC5A



00D5C3



E796FF



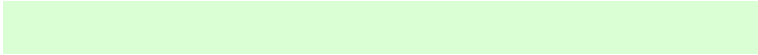
FF7AAB

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



6BCC5A



DAFFD4



CCBB5A



6A8066



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



6BCC5A



6EFF54



5ACC82



5D665C



19A600



062600

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



BB5ACC



E654FF



CC5AA4



645C66



8D00A6



210026

Previews

White Background



This preview shows how the Hex color 6BCC5A looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 6BCC5A looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

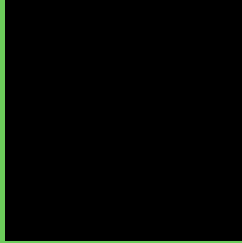
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 6BCC5A Background



This preview shows how black text looks on a background with the Hex color 6BCC5A.

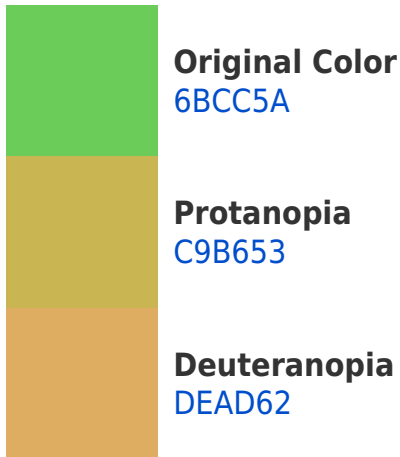


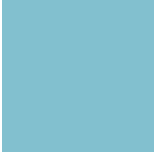
This preview shows how white text looks on a background with the Hex color 6BCC5A.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

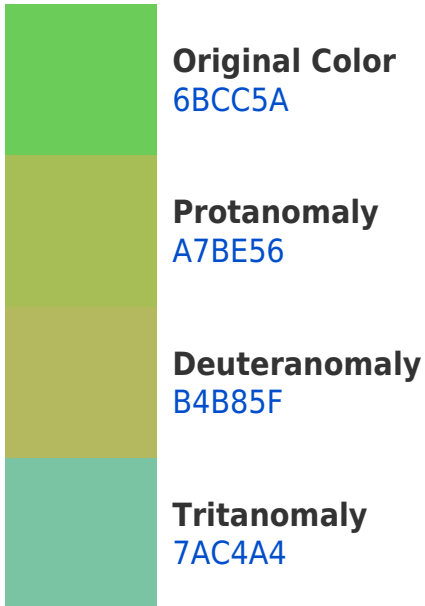
Dichromacy



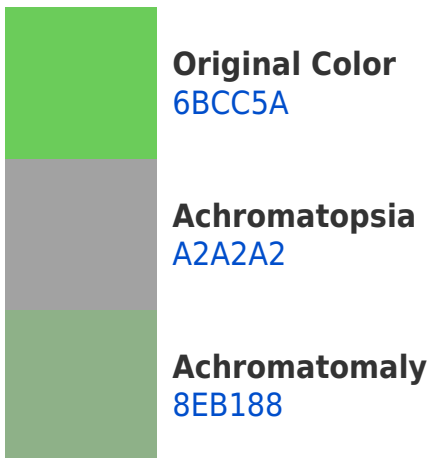


Tritanopia
82C0CF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6BCC5A is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #6BCC5A looks like.

```
.text, #text, p{  
    color:#6BCC5A  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #6BCC5A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6BCC5A
}
```

Border

The CSS property to change the border of an element to Hex 6BCC5A is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6BCC5A }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#6BCC5A }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #6BCC5A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6BCC5A; -webkit-box-shadow:4px 4px  
4px 4px #6BCC5A; box-shadow:4px 4px 4px  
4px #6BCC5A }
```

Background

The CSS property to change the background color of an element to Hex 6BCC5A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6BCC5A }
```

If only the background color should be changed can be used:

```
.background{ background-color:#6BCC5A }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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